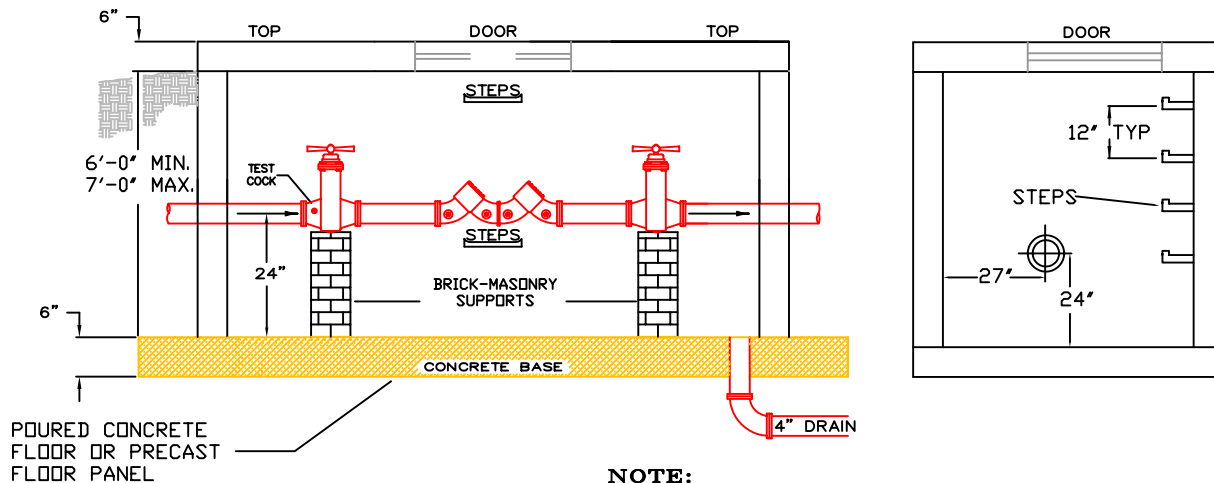
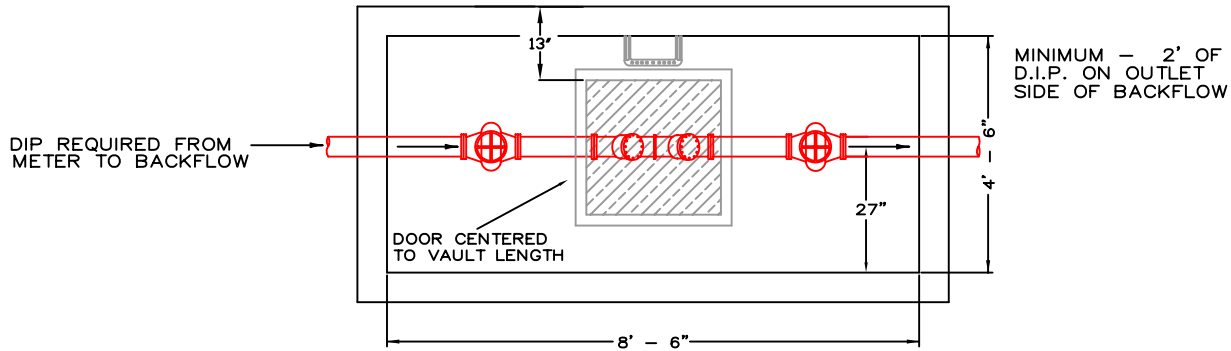


DOUBLE CHECK VALVES 3" - 8"



NOTE:
DITCH MUST REMAIN OPEN UNTIL BACKFLOW
IS INSPECTED BY WATER RESOURCES PERSONNEL.

APPROVED UNITS

HERSEY #2DC
WILKINS 350, 450 OR 950
FEBCO 805-Y, 850, 856, 870V OR 876V
WATTS 007 OR 709
CONBRACO 40-100 OR 40-600
AMES 2000SS, 2000SE, 2001SS, 2001SSN, 3000SS, 3000SE, 3001SS OR 3001SSN
FEBCO 870V, 876V OR AMES DCA ARE APPROVED FOR VERTICAL INSTALLATION.

1. THE BACKFLOW DEVICE MUST BE WITHIN 10' OF AND ON THE PROPERTY SIDE OF THE METER.
2. SHUT-OFF VALVES SHALL BE RESILIENT SEATED GATE VALVES WITH FLANGED ENDS AND HANDWHEEL.
3. ALL INTERIOR AND EXTERIOR IRON SURFACES SHALL HAVE EPOXY COATINGS TO CONFORM WITH ANSI/AWWA C550, OR MANUFACTURED OF STAINLESS STEEL.
4. THE BACKFLOW DEVICE SHALL HAVE FOUR (4) TEST COCKS WITH ONE INSTALLED ON THE CITY SIDE OF THE INLET GATE VALVE.
5. ABOVE GROUND ENCLOSURE CAN BE USED, AS PER CITY SPECIFICATIONS.
6. A FOUR INCH GRAVITY FLOOR DRAIN SHALL BE PROVIDED, OR A 2" SUMP PUMP, INSTALLED IN A 12" SQUARE BY 12" DEEP SUMP BASIN.
7. VAULT TOPS SHALL BE ONE PIECE, REINFORCED CONCRETE (SEPARATE UNIT FROM THE VAULT) WITH ACCESS DOOR CAST IN. ACCESS DOOR TO BE 36"x36" ALUMINUM WITH SPRINGS AND SLAM LOCK MECHANISM. ALL HARDWARE MANUFACTURED OF STAINLESS STEEL. USE U.S. FOUNDRY APS 300 OR APPROVED EQUAL. DOOR SHALL OPEN TO THE CENTER OF THE VAULT.
8. VAULT WALLS SHALL BE 6" PRECAST WALL SECTIONS, OR 8" BLOCK. IF BLOCK WALLS ARE USED, COAT OUTSIDE OF WALLS WITH THORO-SEAL, OR APPROVED EQUAL.
9. TANDEM BACKFLOWS REQUIRED IF SERVING MULTIPLE USERS OR IF SERVICE CANNOT BE INTERRUPTED.
10. ALL DOUBLE CHECK VALVES SHALL BE INSTALLED IN A HORIZONTAL POSITION, EXCEPT FOR THOSE UNITS APPROVED FOR VERTICAL INSTALLATION.
11. A FLOOR DRAIN IS REQUIRED IF UNIT IS INSTALLED INSIDE BUILDING.

CITY OF GREENSBORO	DOUBLE CHECK VALVES	GSO-14
WATER RESOURCES DEPT.	3" - 8"	REVISED 1-13-04